

a seat arranged on said window plate supporting said planar spiral coil, said seat having a passage therethrough for circulating a coolant.

REMARKS

1. Reissue Declaration

The rejection of claims 1-164 based on a defective reissue declaration is rendered moot by submission of the attached Declaration under 37 C.F.R. § 1.175.

2. Amendment to Claims 85-120

Applicants have amended claim 85 to delete the word "and" from the end of the recitation of the "power supply section," to insert "and" at the end of the recitation of the "pressure controller," and to add recitation of the "seat arranged on said window plate . . ."

Applicants have amended claim 120 to delete "and" from the end of the recitation of the "power supply section," to recite a "planar spiral coil" in place of an "antenna," to add "and" at the end of the recitation of the "pressure controller," and to recite "an auxiliary supply . . ." Applicants also have amended claim 124 and 137 to depend from claim 120 instead of claim 123, and have cancelled claims 88-91, and 123.

3. Traversal of Rejections

Applicants respectfully traverse the rejection of claims 85-87, 92-93, 99, 120-121, 126, 128-129, and 135-136 under 35 U.S.C. § 103 over Cuomo in view of Ogle. Independent claims 85 and 120 have been amended to more clearly recite features of the present invention, including in claim 85, the presence of a seat arranged on the window plate supporting the planar spiral coil, having a passage therethrough for

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circulating a coolant, and in claim 120, an auxiliary supply for supplying an inactive gas into the auxiliary container portion. These features, in combination with the other features recited in these claims, are neither disclosed nor suggested by either Cuomo or Ogle, and claims depending from these two independent claims also are not suggested by these references, at least because they incorporate the features of the respective independent claims.

The Examiner expressly noted at page 5 of the Office Action that Cuomo lacks a teaching of the seat feature, but stated that Cuomo's teaching of a port 14 renders this feature obvious. Applicants traverse the Examiner's statement that port 14 suggests the claimed seat having a passage for coolant. A port is not a seat and does not suggest a seat. Moreover, to the extent the Examiner chooses to rely on Benzig to suggest a coolant flow, as in his § 103 rejection of claims 88-89, 119, 122, and 164, applicants traverse this rejection as well, and respectfully submit that the use of coolant in Benzig still does not suggest the claimed structure of a seat arranged on the window plate having a passage therethrough for circulating a coolant. Likewise, none of the references suggest the auxiliary supply recited in amended claim 120. Because neither Cuomo, Ogle, nor Benzig, viewed standing alone or in any reasonable combination, discloses or suggests all of the features recited in these claims, the subject § 103 rejection is unsupportable and should be withdrawn.

Applicants likewise traverse the § 103 rejection of claims 94-98, and 130-134 over Cuomo in view of Ogle and Itoh, and the § 103 rejection of claims 88-89, 119, 122, and 164 over Cuomo and Benzig. Even if it were obvious to modify Cuomo, Ogle, or Benzig to include first and second gas introduction ports, which applicants deny is the

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case, that still does not suggest including the structure of a seat in the window plate, including a passage therethrough for circulating a coolant, as recited in the independent claims. Combining Itoh or Benzig with Cuomo, therefore, does not cure the deficiencies of Cuomo.

Applicants respectfully submit that the Examiner's comments regarding the configuration of the antenna or coil are moot in view of paragraph 8 of the new Declaration under 37 C.F.R. § 1.175, wherein the inventors observe that the invention is not limited to using a coil to generate a field and induce a plasma, but that an induction electrode, antenna, or planar spiral coil also would serve this purpose.

4. Allowable Claims and New Claims

Applicants appreciate the indication of allowable subject matter in claims 1-84, 91, 100-118, 123-125, 127, and 137-163 and submit that in view of the new reissue declaration, no further obstacles exist to allowance of these claims. In addition, claim 85 has been amended to include the features of allowable claim 91 and claim 120 has been amended to incorporate the features of allowable claim 123, so claims 85 and 120, and their dependent claims should be allowed for the additional reason of including features already admitted by the Examiner to be allowable.

In addition, new claims 165 and 166 recite, among other things, an exhaust pump connected to the auxiliary container, which is neither taught nor suggested by Cuomo or any of the cited secondary references, rendering these claims allowable; and new claim 167 incorporates the features of prior claim 120 with, among other things, the features of allowable claim 127, so by the Examiner's own admission, claim 167 also is allowable.

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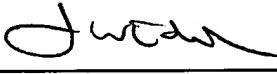
In view of the foregoing amendments and remarks, Applicants respectfully request reconsideration of claims, withdrawal of all rejections, and a prompt notice of allowance.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

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